

Image of single quantum dots

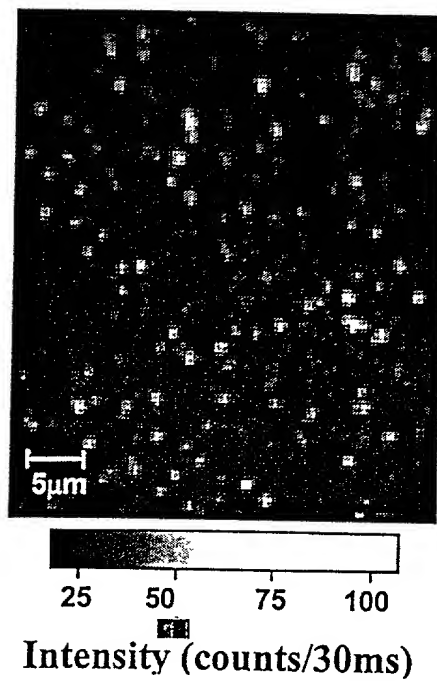


FIG. 1A

Single quantum dot spectra

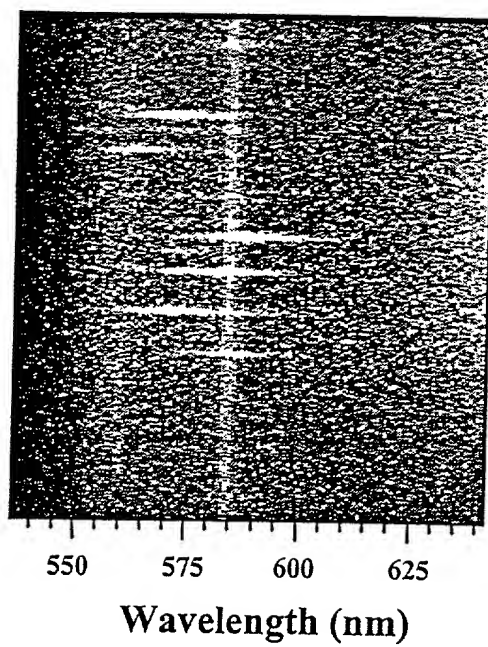


FIG. 1B

FIG. 2A



FIG. 2B

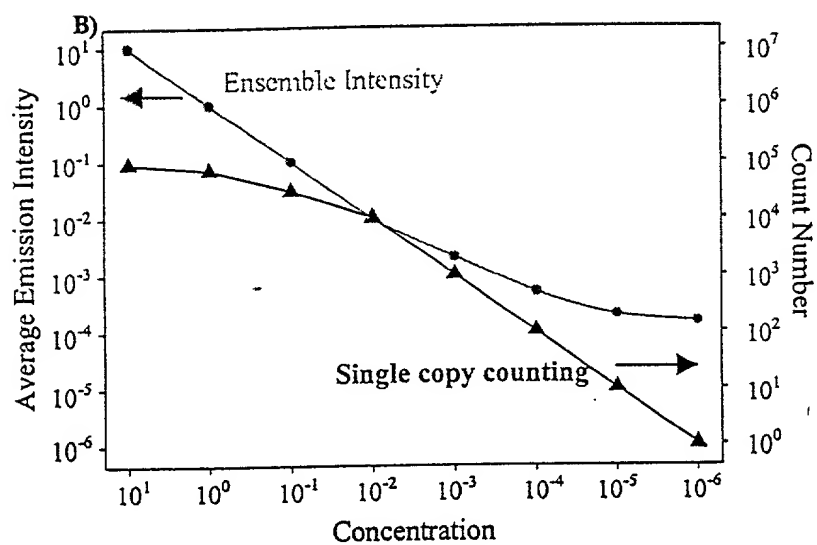


FIG. 2C

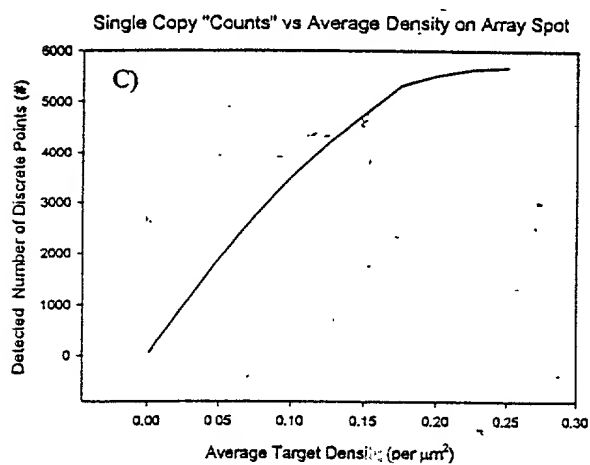


FIG. 3A

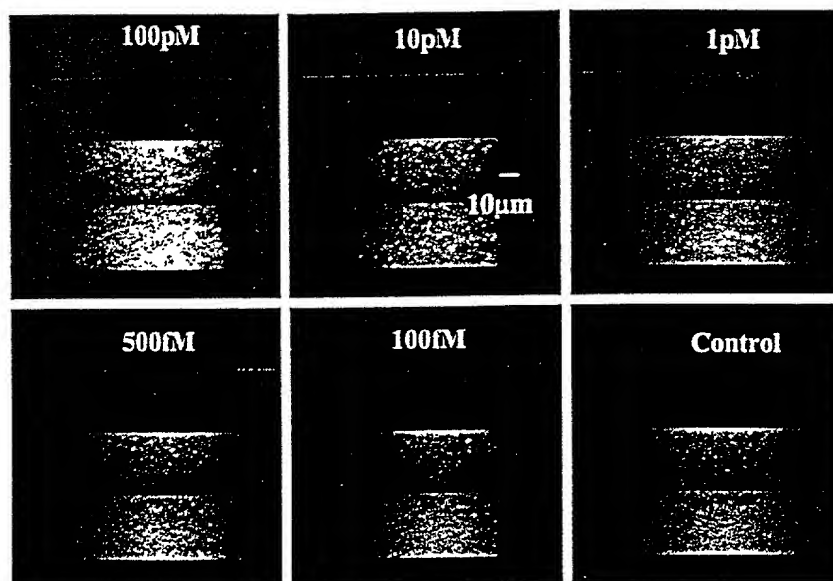


FIG. 3B

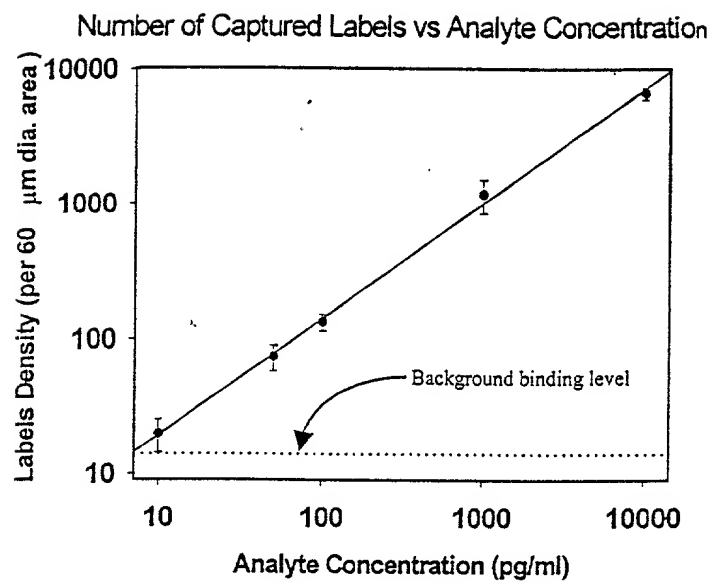


FIG. 4A

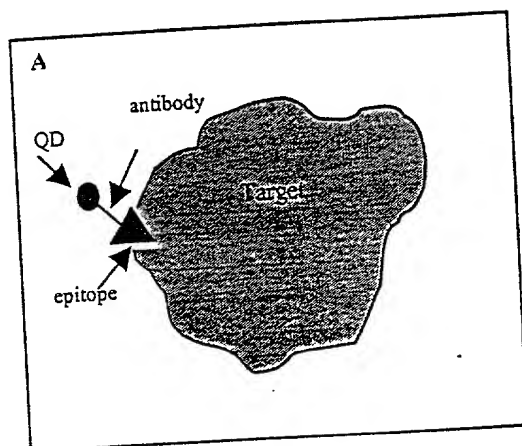
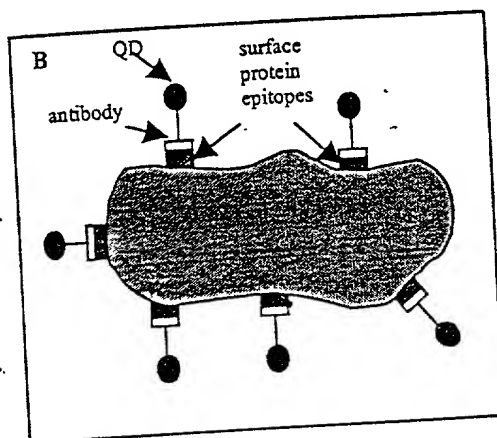


FIG. 4B



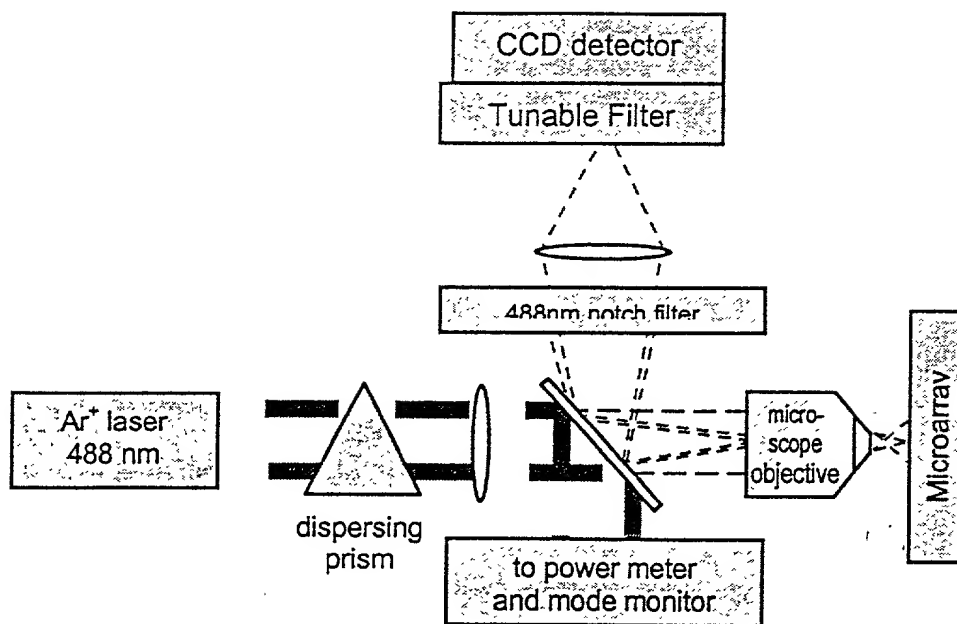
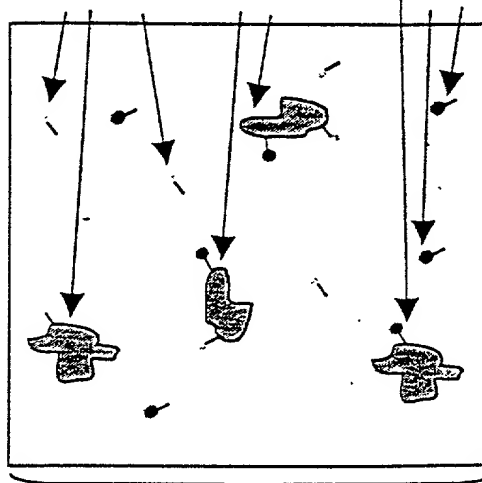
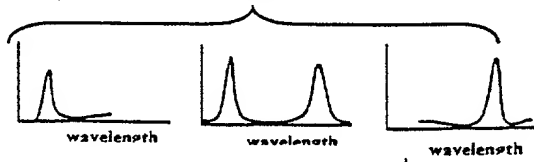


FIG. 5

Spectra with High Spatial Resolution

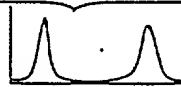


Label #2

Label #1

Non-specific
Target

Specific
Target



Spectrum with Low Spatial Resolution

FIG. 6

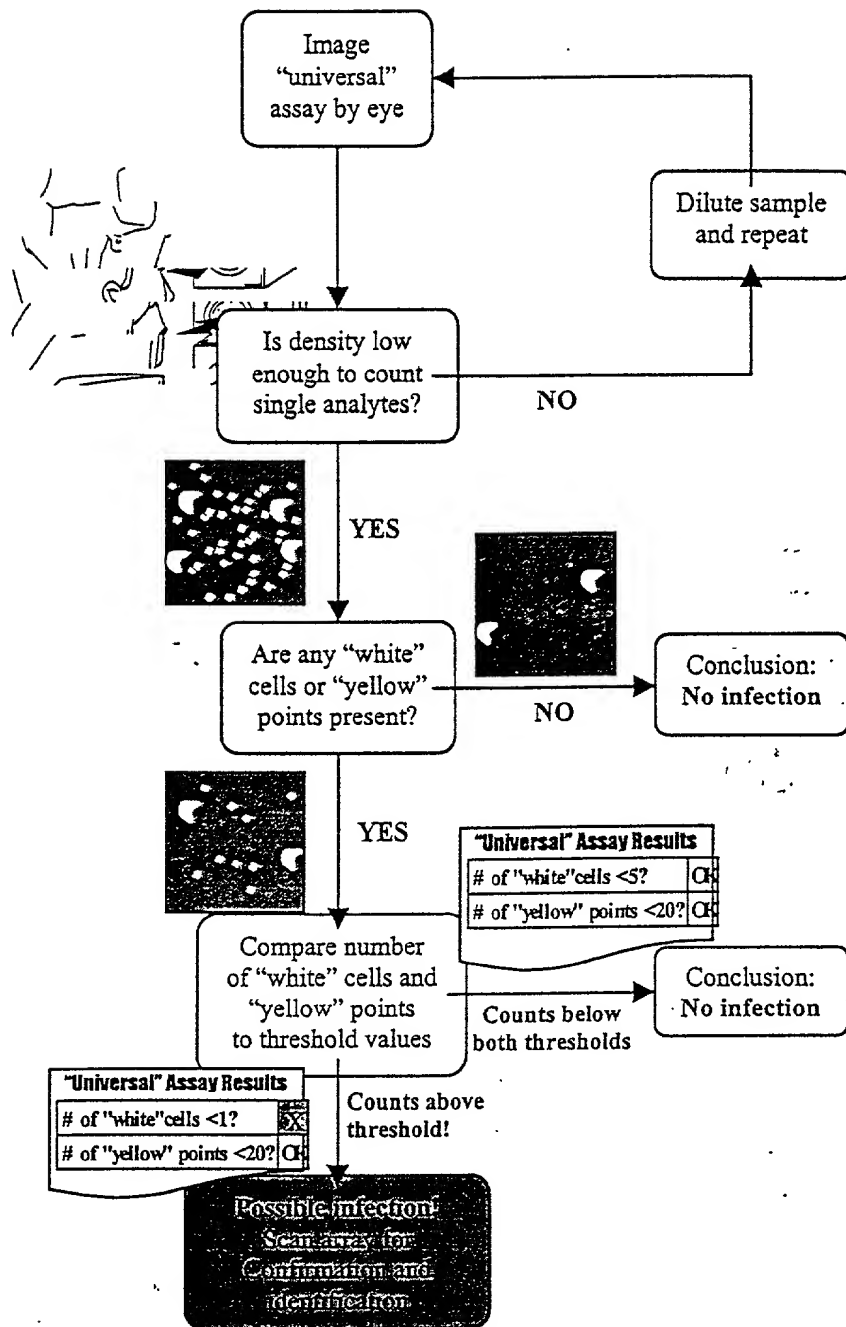


FIG. 7

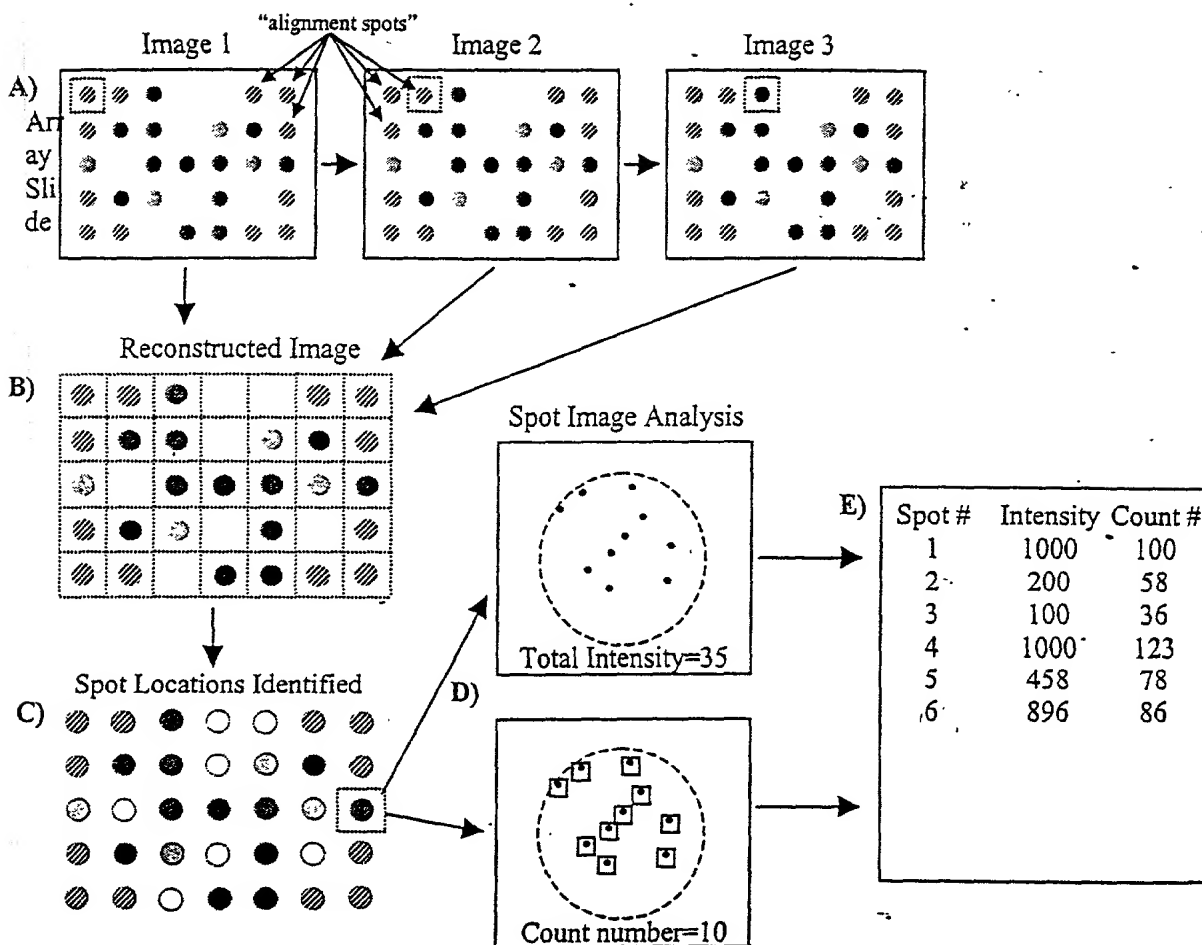


FIG. 8

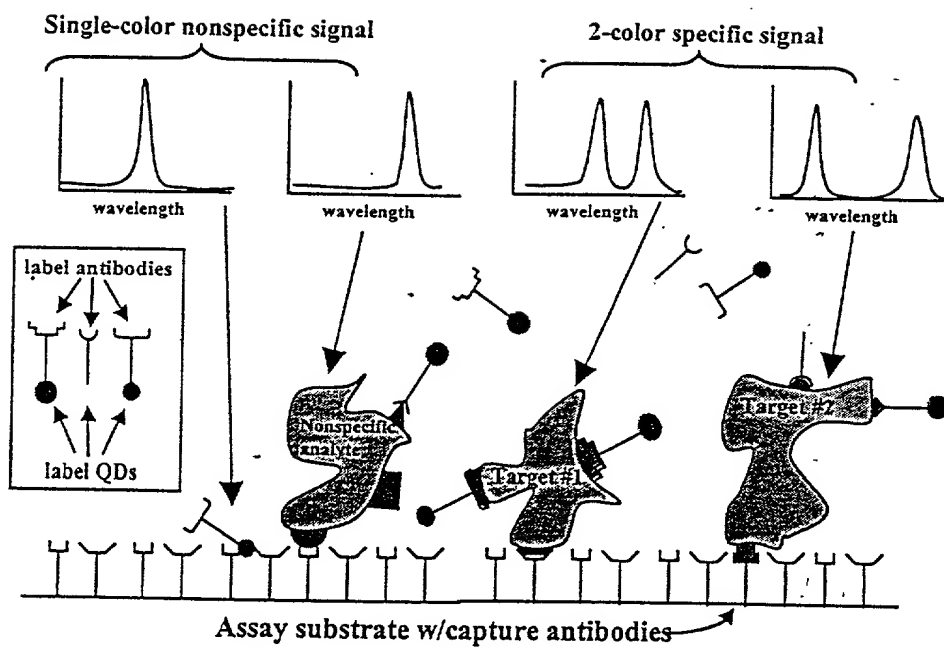


FIG. 9

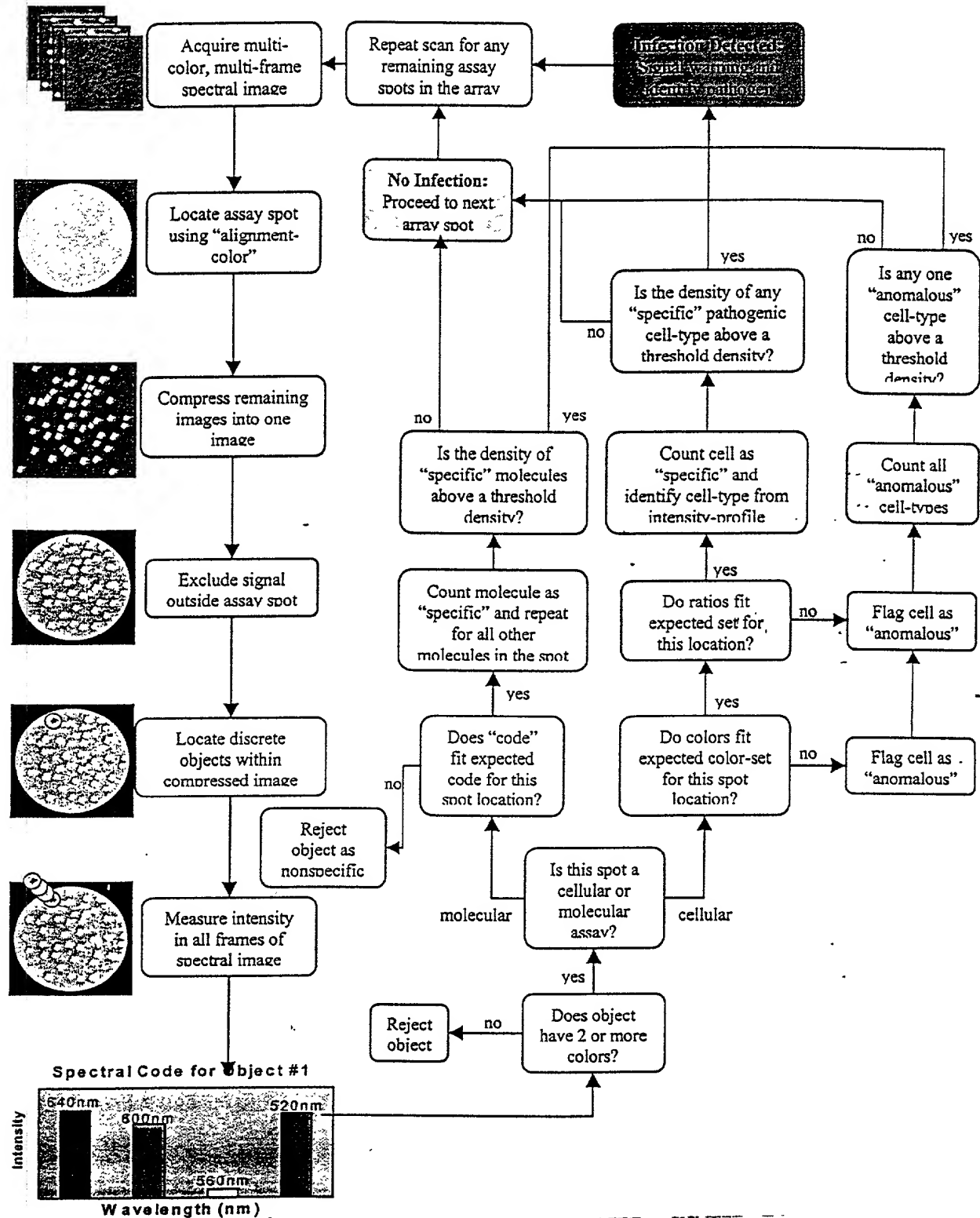


FIG. 10

FIG. 11

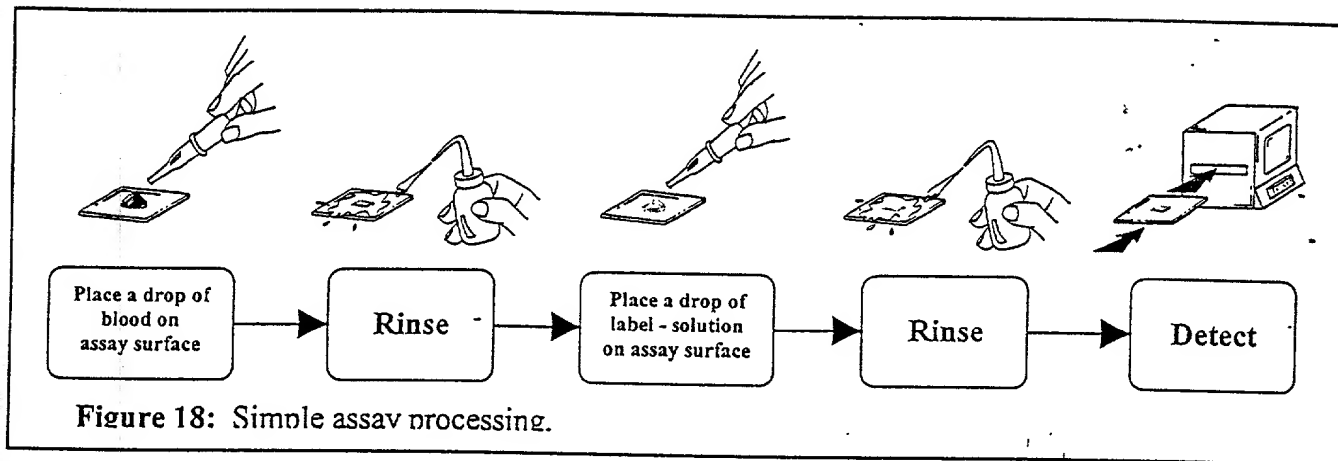


FIG. 11